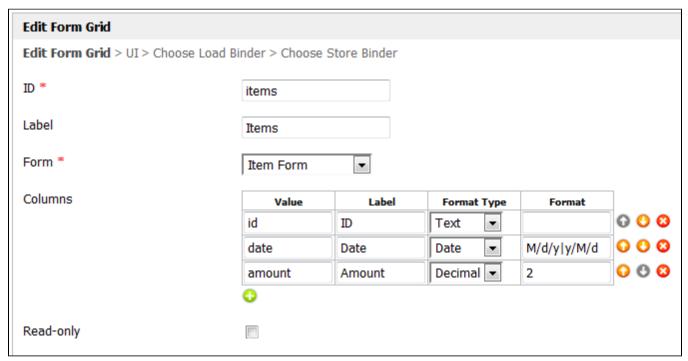
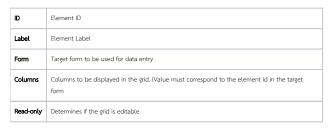
## **Enhanced Grid Form Element (Form Grid)**

Enhanced Grid Form Element extends the default functionalities of a typical grid element. Unlike the generic grid element that only accepts standard text field for its inputs, the Enhanced Grid Form Element captures data by making reference to another form element. Hence, one can take full advantage of what a typical form element has to offer, e.g., validation and formatting.



## Figure 1: Properties of Enhanced Grid Form Element



Apart from setting up the columns, an external form can also be set to capture more data than what the grid actually shows. One can also define the format on the returned data.

## Available Format Types

- Text formats the value as text
- HTML outputs data as HTML
- Date formats as date. Original Date and New Date formats are expected in the "Format" field.

Format: [KB:input format]|[KB:output format]

Example of usage:
Original value: 5/23/2012
Expected value: 2012/5/23
Format: M/d/vlv/M/d

Note: Please refer to Java SimpleDateFormat for date format.

- Decimal formats as decimal. Number of decimals is expected in the "Format" field.
- File Show the value as a link to the attachment. Form Def id is expected in the "Format" field.
- Image Show the value as a thumbnail of the attachment. Form Def id is expected in the "Format" field.

UI		
	noose Load Binder > Configure Multirow Form Binder > Choose Store Binder > Config	aure
Multirow Form Binder	1003e 20dd Billder > Cornigare Matarow Form Billder > Cilouse Store Billder > Cornig	
Enable Sorting Feature		Â
Field ID for Sorting	name	
Form Submit Button Label (Normal Mode) *	Submit	
Form Submit Button Label (Read-only Mode) *	Close	
Display field as Label when readonly	? 🕅	
Disabled Add Feature		
Disabled Delete Feature		
Delete confirm message	Delete row?	
Show Row Numbering?		
Popup Dialog Height	500	
Popup Dialog Width	900	<b></b>
< Prev Next >	ОК	Cancel

Figure 2: Properties of Enhanced Grid Form Element - UI

Enable Sorting Feature	Determines if ordering of rows is to be enforced	
Field ID for Sorting	Field to keep the ordering sequence; must correspond with a field id in the target form	
Form Submit Button Label (Normal Mode)	Label of the Submit button in normal mode	
Form Submit Button Label (Read-only Mode)	Label of the Submit button in read-only mode	
Display field as Label when readonly?	Displays field values as plain text in target form when Form Grid is set to read-only	
Disable Add Feature	Determines if a new row can be added	
Disable Delete Feature	Determines if a row can be removed	
Delete confirm message	Confirmation message when deleting a row	
Show Row Numbering?	Shows numbering on the grid	
Popup Dialog Height	Target form dimension	
Popup Dialog Width	Target form dimension	

Validation	
Edit Form Grid > UI > Validation > Multirow Form Binder Unique Column Optional column to check for duplicate rows Min Number of Row Validation (Integer)	Choose Load Binder > Configure Multirow Form Binder > Choose Store Binder > Configure
Max Number of Row Validation (Integer)	
Error Message	Invalid number of rows.

Figure 3: Properties of Enhanced Grid Form Element - Validation

Unique Column	Field to keep the record primary key (e.g., id); must correspond with a field id in the target form
Min Number of Row Validation (Integer) Minimum number of rows allowed	
Max Number of Row Validation (Integer)	Maximum number of rows allowed
Error Message	Custom validation error message

## Enhanced Grid Form Element in a Form

Adding a new row would bring up the external form and upon submission, the data will be stored accordingly in the background and in the columns, with matching IDs.

Items				
ID	Date	Amount		
1	2012/5/23	1.00	<b>≥</b> ⊗	
2	2012/5/29	20.00	<b>≥</b> 3	
0				

Figure 4: Working Example of the Enhanced Grid Form Element

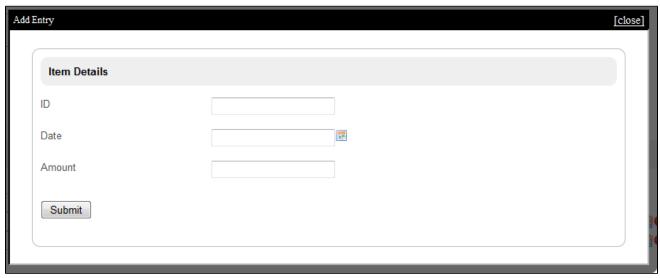


Figure 5: Adding New Entry in the Working Example of the Enhanced Grid Form Element

Limitation: This element may not work well when the referencing form contains Add a Grid, Enhanced Grid Form Element (Form Grid), Subforms and AJAX Sub Form.